

**Teaching & Examination Scheme**  
**II Year-IV Semester B.Tech. : Computer Science & Engineering**

SN	Category	Course Code	Course Title	Hours			Marks			Cr
				L	T	P	IA	ETE	Total	
1	BSC	3CS2-01	Advanced Engineering Mathematics	3	0	0	30	120	150	3
2	HSMC	3CS1-02/ 3CS1-03	Technical Communication/ Managerial Economics and Financial Accounting	2	0	0	20	80	100	2
3	ESC	3CS3-04	Digital Electronics	3	0	0	30	120	150	3
4	PCC	3CS4-05	Data Structures and Algorithms	3	0	0	30	120	150	3
5	PCC	3CS4-06	Object Oriented Programming	3	0	0	30	120	150	3
6	PCC	3CS4-07	Software Engineering	3	0	0	30	120	150	3
7	PCC	3CS4-21	Data Structures and Algorithms Lab	0	0	3	45	30	75	1.5
8	PCC	3CS4-22	Object Oriented Programming Lab	0	0	3	45	30	75	1.5
9	PCC	3CS4-23	Software Engineering Lab	0	0	3	45	30	75	1.5
10	PCC	3CS4-24	Digital Electronics Lab	0	0	3	45	30	75	1.5
11	Training Exam	3CS7-30							50	1
12	SODE CA	3CS8-00							25	0.5
				<b>Total</b>					<b>1225</b>	<b>24.5</b>

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				L	T	P	IA	ETE	Total	
1.	BSC	4CS2-01	Discrete Mathematics Structure	3	0	0	30	120	<b>150</b>	<b>3</b>
2.	HSM C	4CS1-03/ 4CS1-02	Managerial Economics and Financial Accounting /Technical Communication	2	0	0	20	80	<b>100</b>	<b>2</b>
3.	ESC	4CS3-04	Microprocessor & Interfaces	3	0	0	30	120	<b>150</b>	<b>3</b>
4.	PCC	4CS4-05	Database Management System	3	0	0	30	120	<b>150</b>	<b>3</b>
5.	PCC	4CS4-06	Theory of Computation	3	0	0	30	120	<b>150</b>	<b>3</b>
6.	PCC	4CS4-07	Data Communication and Computer Networks	3	0	0	30	120	<b>150</b>	<b>3</b>
7.	PCC	4CS4-21	Microprocessor & Interfaces Lab	0	0	2	30	20	<b>50</b>	<b>1</b>
8.	PCC	4CS4-22	Database Management System Lab	0	0	3	45	30	<b>75</b>	<b>1.5</b>
9.	PCC	4CS4-23	Network Programming Lab	0	0	3	45	30	<b>75</b>	<b>1.5</b>
10.	PCC	4CS4-24	Linux Shell Programming Lab	0	0	2	30	20	<b>50</b>	<b>1</b>
11.	PCC	4CS4-25	Java Lab	0	0	2	30	20	<b>50</b>	<b>1</b>
12.	SODE CA	4CS8-00							<b>25</b>	<b>0.5</b>
<b>Total</b>									<b>1175</b>	<b>23.5</b>